DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

PRODUCT CONTROL SECTION

www.miamidade.gov/pera/

MIAMI-DADE COUNTY

## NOTICE OF ACCEPTANCE (NOA)

Kawneer Company, Inc. 555 Guthridge Court Norcross, GA 30092

#### Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

## DESCRIPTION: Series "350 IR" Aluminum Outswing Storefront Door-L.M.I.

APPROVAL DOCUMENT: Drawing No. 1569 Rev A, titled "350 IR 9' Outswing Aluminum Storefront Doors - LMI", sheets 1 through 7 of 7, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/02/08 and last revised on JAN 06, 2012, signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large Missile Impact Resistant Limitations:

1. When doors are installed into Kawneer's Storefronts or Curtain Wall System (under separate approvals), such system must provide reinforced mullions per detail G1/6 & G2/6, proper Door openings and door mullion end anchors and to be reviewed by Building official. Lower Design Pressure of Door or System shall control.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 08-0219.07 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 11-1027.15 Expiration Date: April 22, 2014 Approval Date: February 02, 2012

Page 1

#### **NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

#### A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (transferred from file # 08-0219.07)
- 2. Drawing No. **1569 Rev A**, titled "350 IR 9' Outswing Aluminum Storefront Doors LMI", sheets 1 through 7 of 7, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 04/02/08 and last revised on JAN 06, 2012, signed and sealed by Warren W. Schaefer, P. E.

Note: This revision consists of FBC 2010.

## B. TESTS (transferred from file # 08-0219.07)

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

Along with marked-up drawings and installation diagrams of aluminum outswing storefront doors, prepared by Hurricane Test Laboratory, Inc., Test Reports No.

HTL-0049-0611-04 dated 06-07-04, HTL- 0049-1106-04 dated 11/03/04 and G049-1005-06 dated 10/03/06, all signed and sealed by Vinu J. Abraham, P. E.

(Note: The above test reports have been revised by addendum letters, issued by Hurricane Testing lab, dated FEB 10, 2009, signed & sealed by Vinu J. Abraham, P.E.)

2. Additional test report # HTL- G049-1005-06, dated 10/03/06 per TAS 201, 202 & 203, issued by Hurricane Testing Lab, signed and sealed by Vinu J. Abraham, P. E.

#### C. CALCULATIONS

- 1. Anchor verification calculations, complying with FBC 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/06/11, signed and sealed by Warren W. Schaefer, P.E.
- 2. Anchor verification calculations, complying with FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 02/14/08, signed and sealed by Warren W. Schaefer, P.E. (transferred from file # 08-0219.07)
- 3. Glazing complies w/ ASTME-1300-02 & -04

#### D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0325.05 issued to Solutia, Inc. for "Saflex clear & color interlayer", expiring on 05/21/2016.

#### F. STATEMENTS

- 1. Statement letter of conformance to FBC 2007 and FBC 2010 & "No financial interest", prepared by W. W. Schaefer Engineering & Consulting, P.A., both dated OCT 06, 2011, signed and sealed by Warren W. Schaefer, P.E.
- 2. Statement of Lab compliance, as part of above referenced test report.

#### G. OTHER

1. This NOA revises NOA # 08-0219.07, expiring on 04/22/2014.

Ishaq I. Chanda, P.E. Product Control Examiner NOA No 11-1027.15

Expiration Date: April 22, 2014 Approval Date: February 02, 2012

E - 1

#### **GENERAL NOTES:**

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)

OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED

TO TRANSFER WIND LOADS TO THE STRUCTURE.

3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO

4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCALS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.

5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).

 MPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
 ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.

8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF KD = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.

9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR WOOD SCREW ANALYSIS

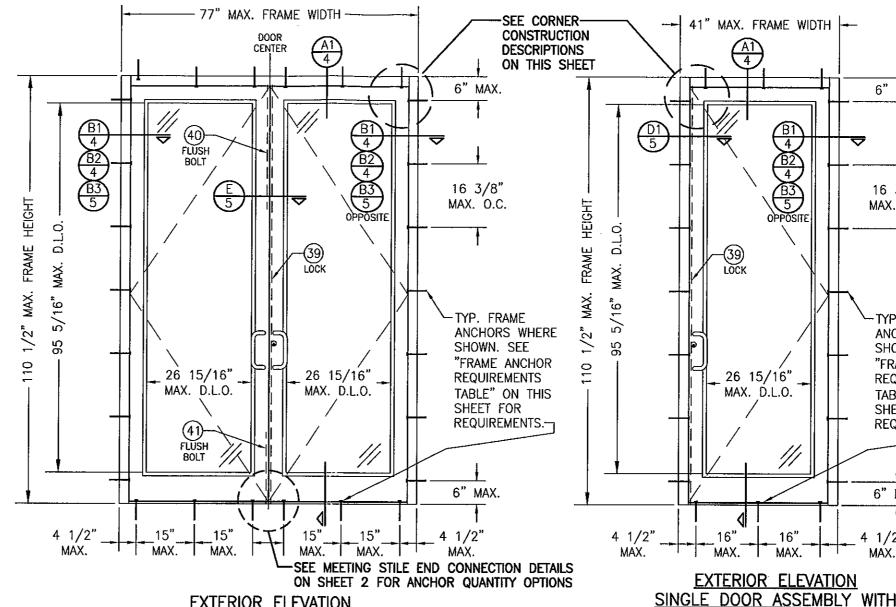
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING

#### **CORNER & FRAME END CONSTRUCTION** FOR SHEET 1 ELEVATIONS:

FRAME HEAD CORNER: HEAD IS SQUARE CUT, BUTTED TO SIDE, FASTENED WITH THREE (3) NO. 12 X 1" S.S. PHTFS FASTENERS THROUGH THE SIDE MEMBER INTO THE HEAD MEMBER SCREW SPLINES & SEALED WITH SILICONE.

FRAME SILL CORNER: SILL IS SQUARE CUT. BUTTED TO SIDE. SECURED TO THE SIDE MEMBER USING A PIVOT ASSEMBLY OR STEEL CLIP, FASTENED WITH THREE (3) NO. 12-24 X 3/8" FHMS AT THE FRAME & TWO (2) NO. 12-24 X 3/8" FHMS AT THE SILL, & SEALED WITH SILICONE.

DOOR PANEL CORNERS: VERTICAL STILES RUN THROUGH AND ARE SECURED TO THE RAILS AT THE TOP & BOTTOM WITH 1/4" THICK EXTRUDED CHANNELS. EACH CHANNEL IS FASTENED TO THE STILE & RAIL WITH 1/4-20 X 3/4" PHMS & 3/16" THICK STEEL NUT PLATES. THE INTERSECTION OF EACH CORNER JOINT WAS WELDED WITH A 1/2" DIA. PLUG WELD AND A 1 1/8" LONG FILLET WELD AT BOTH WEBS OF THE RAIL,



EXTERIOR ELEVATION DOUBLE DOOR ASSEMBLY WITH STORE FRONT FRAMING SCALE: 1/2"=1'-0"

> ALLOWABLE DESIGN PRESSURE +/-65 PSF

FRAME ANCHOR REQUIREMENTS TABLE							
	FRAME SHEAR SCREWS						
ANCHOR TYPE	OPENING TYPE (SUBSTRATE)	FRAME/CLIP/NAIL FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.			
Α	MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"			
В	MIN. 16 GA. 50 KSI METAL STUD	(2) NO. 12 GR. 5 SELF TAP/DRILLING SCREW	FULL	1/2"			
С	MIN. 0.22" THICK A36 STEEL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"			
D	MIN. 0.1" THK 6063-T6 ALUM. /CURTAIN WALL	(2) 1/4-14 SELF DRILL/TAPPING SCREW	FULL	1/2"			
E	(3)C-90 CMU/3000 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 3/4"	2"			

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).
- (2) SELF DRILLING & SELF TAPPING SCREWS SHALL BE MIN. GRADE 5 CORRISION RESISTANT STEEL
- (3) C-90 CMU IS ONLY APPLICABLE AT SIDES OF DOOR OPENING (NOT APPLICABLE TO HEAD & SILL)

NOTE: THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR. UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION, UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC SECTION 1714.5.

MARCH X MARKET \* 4337/6 44135 N N OCK CORIOS. STATE PROFES THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUC SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURES STATED ON THESE DRAWINGS.

STORE FRONT FRAMING

SCALE: 1/2"=1'-0"

OUTSWING ENGINEER
P.A. (CA (
UNT NORTH
ENS, FL. 33418
744-3424 W. SCHAEFER CONSULTING, I ું કે જ Ç. 1569 SHEET NO. OF

CHECKED BY: W.W.S.

ATE: 04/02/08

KAWNEER COMPANY, II 555 GUTHRIDGE COUI NORCROSS, GA 3008 770-449-5555

DOORS

STOREFRONT

ALUMINUM

6" MAX.

16 3/8'

MAX. O.C.

-TYP. FRAME

SHOWN, SEE

SHEET FOR

6" MAX.

4 1/2"

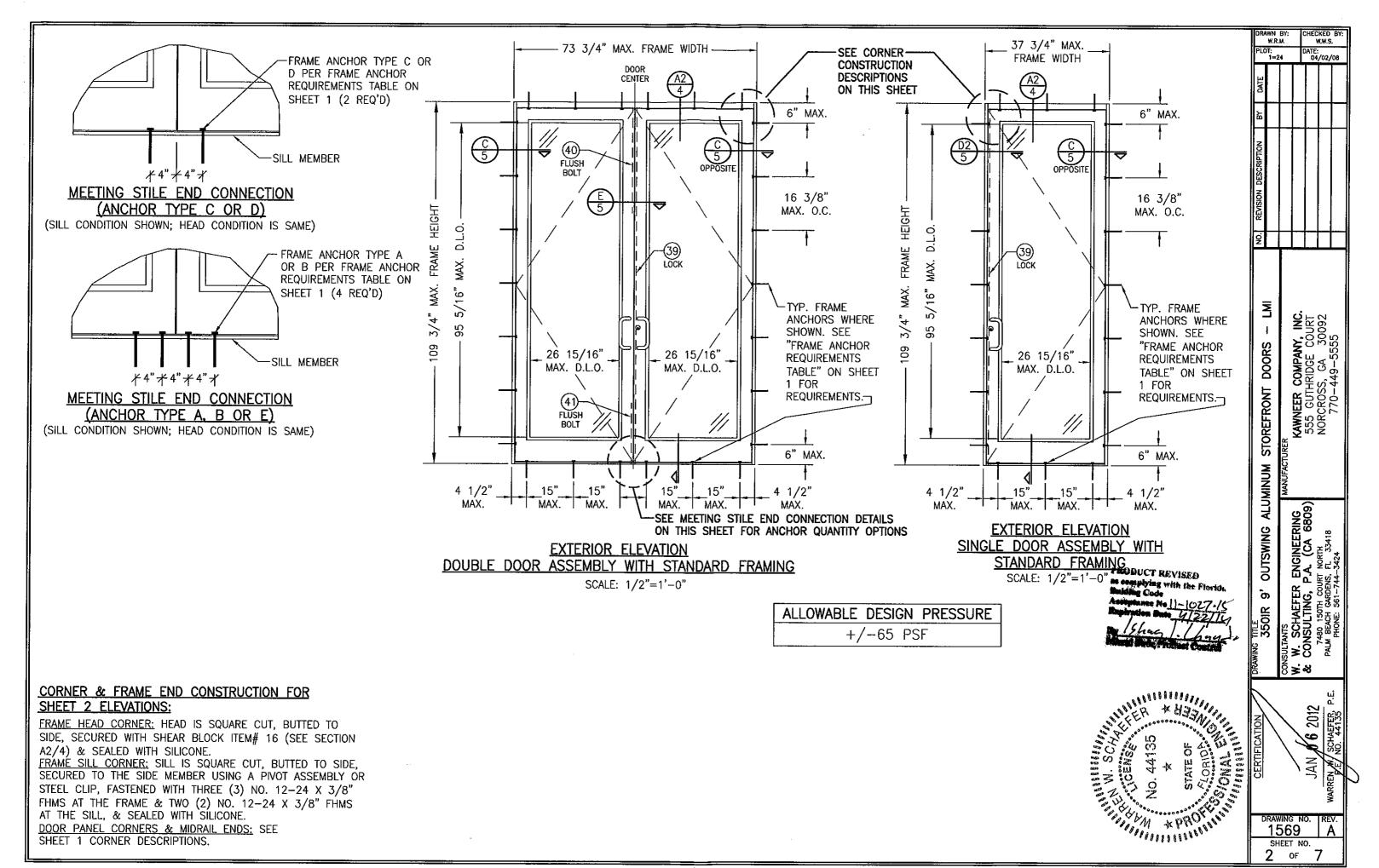
ANCHORS WHERE

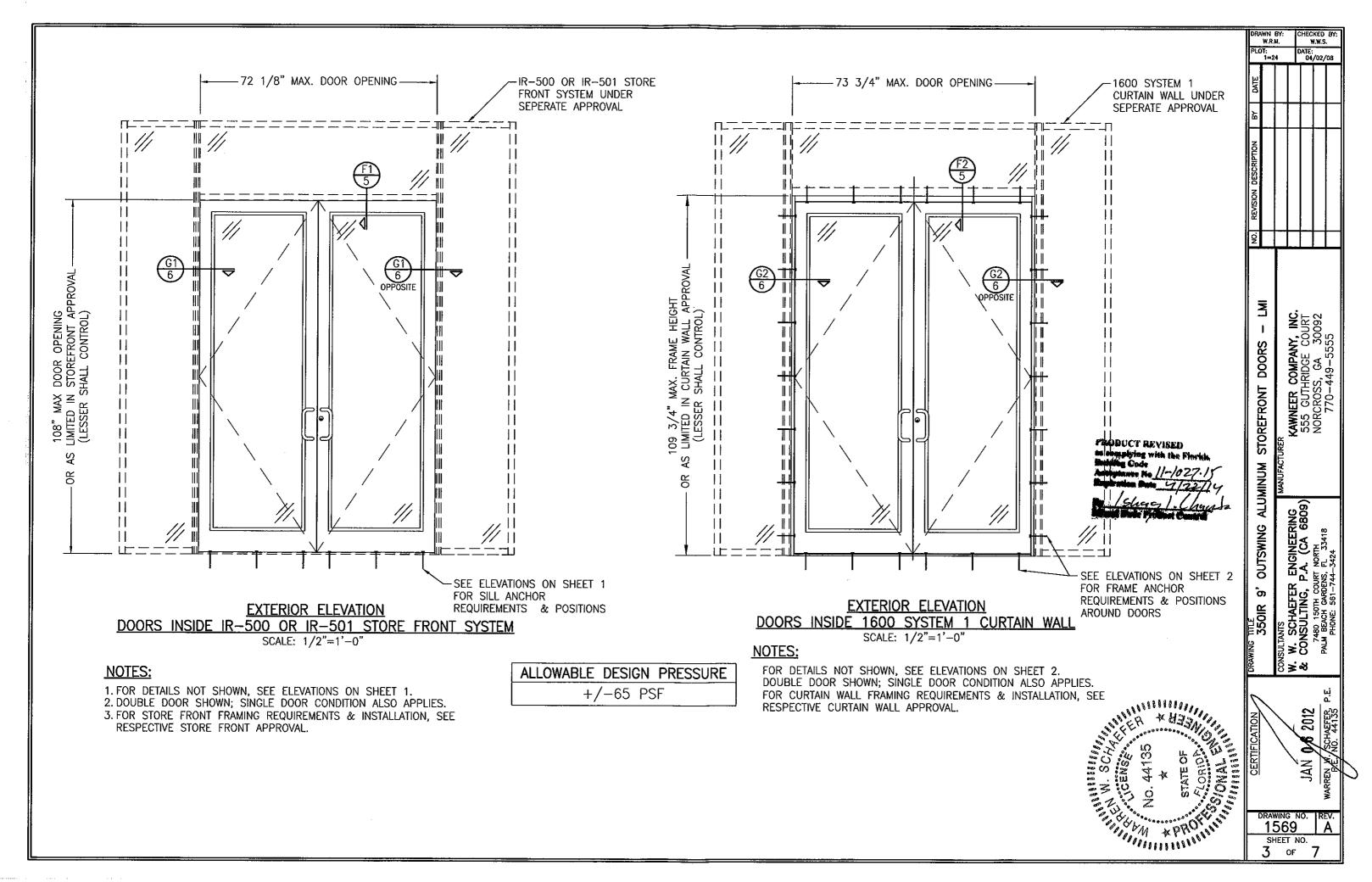
"FRAME ANCHOR

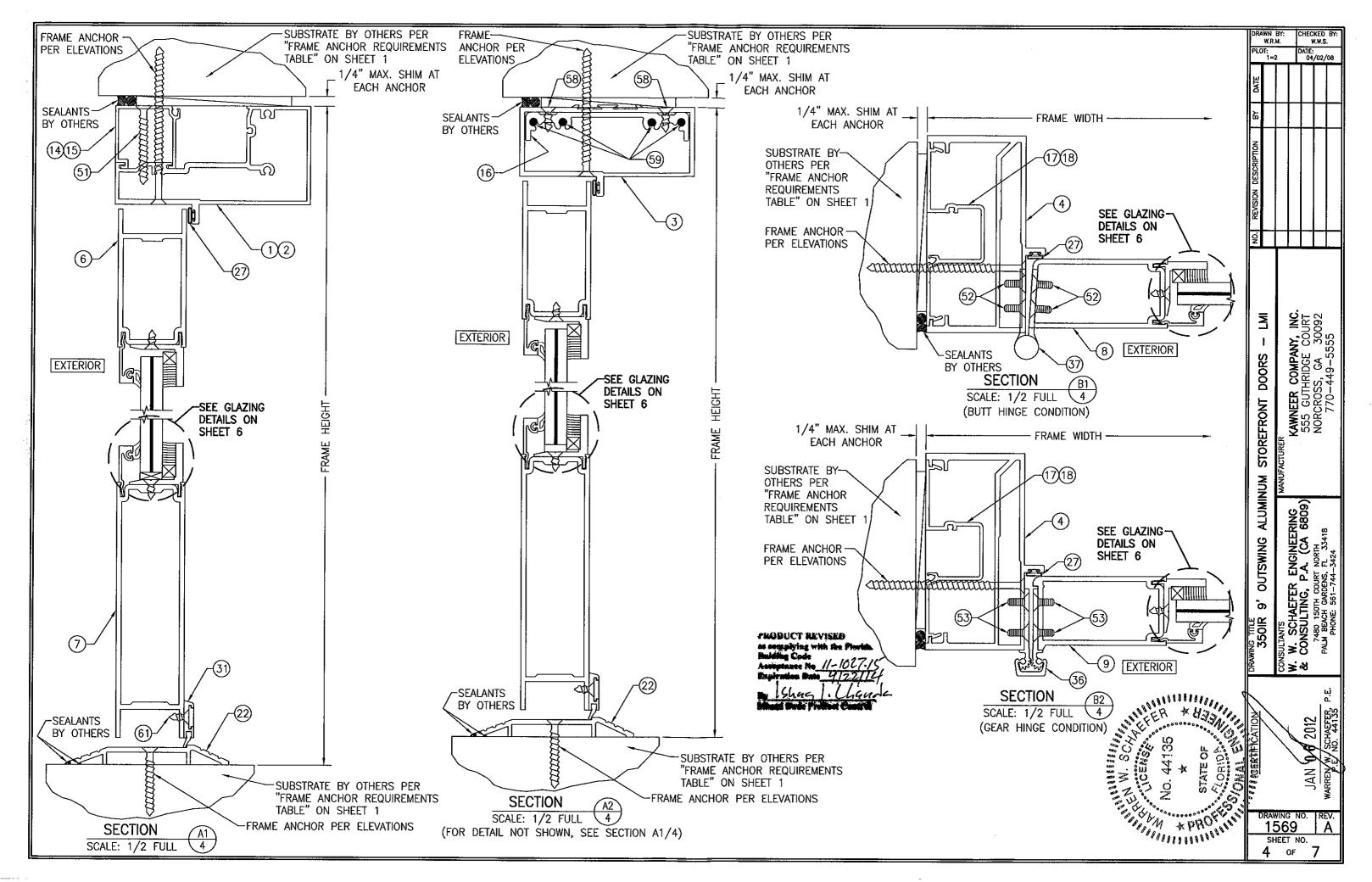
TABLE" ON THIS

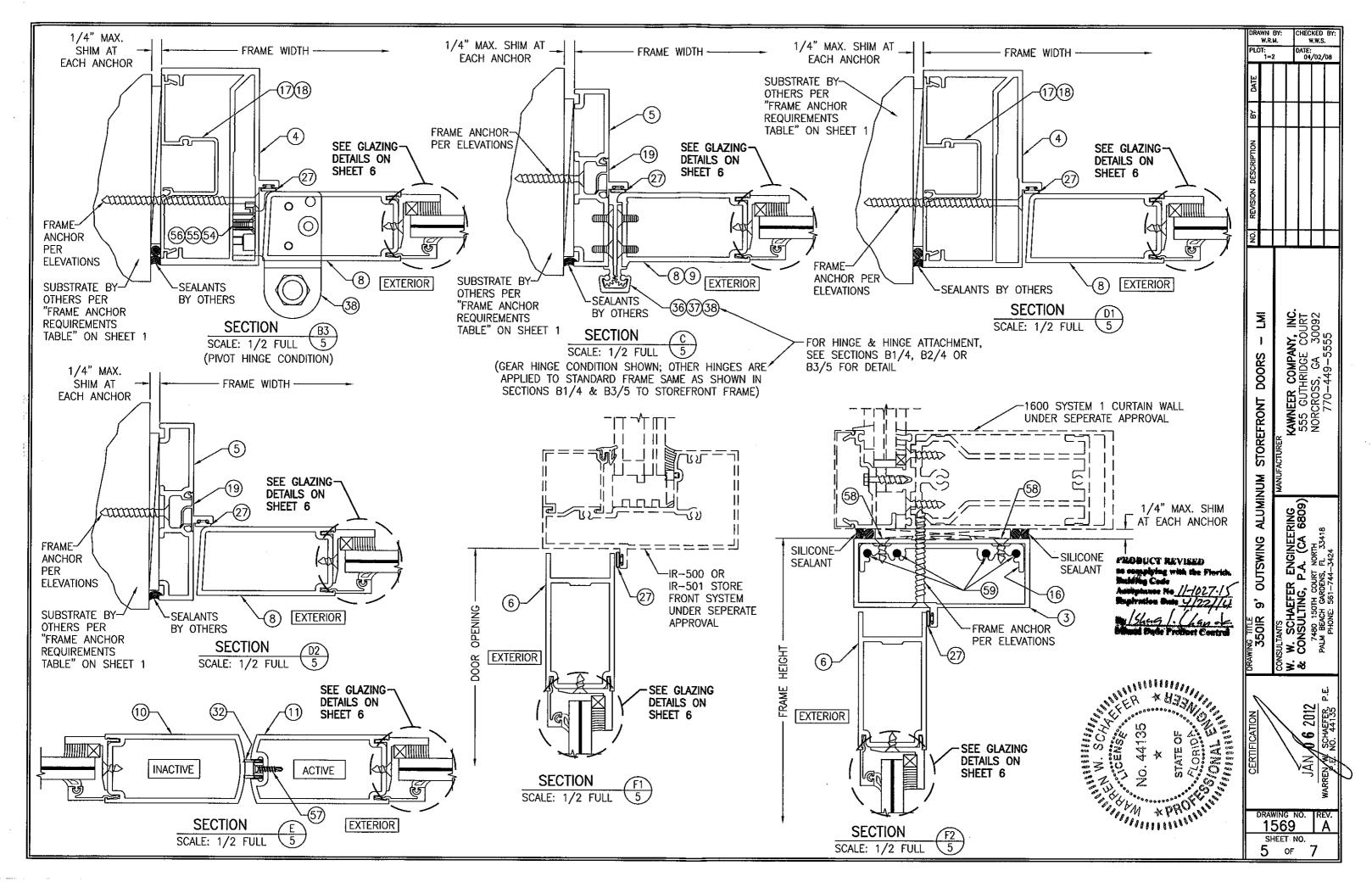
REQUIREMENTS.

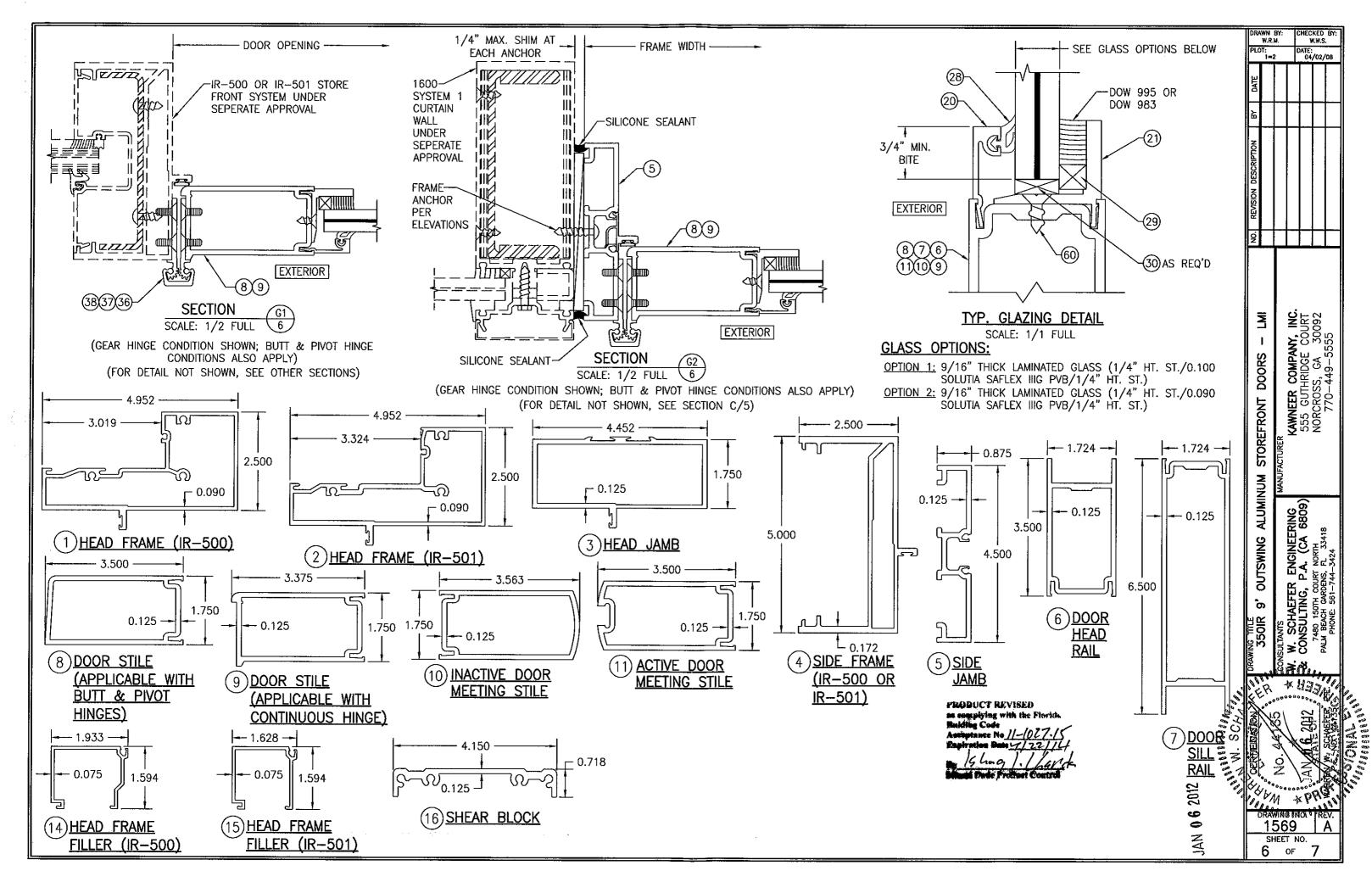
REQUIREMENTS





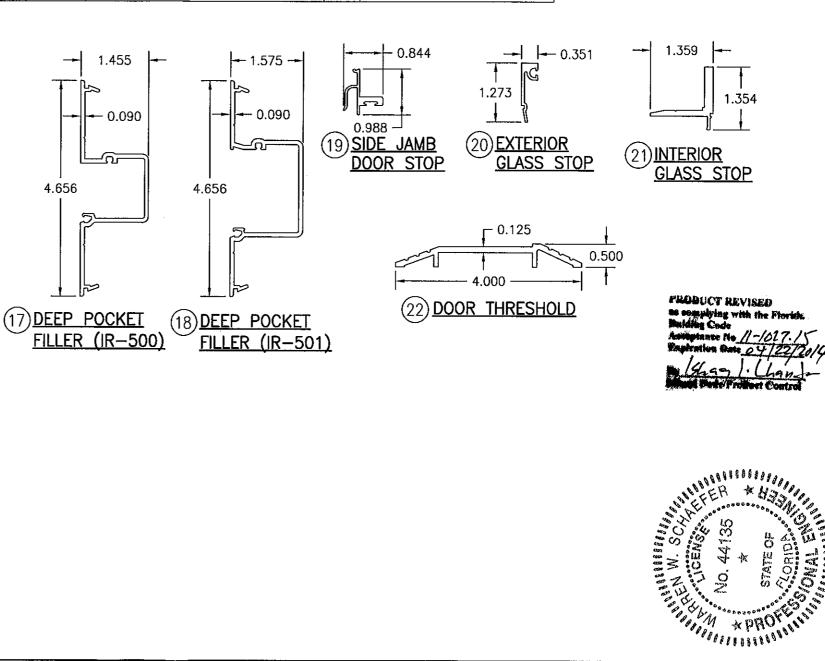


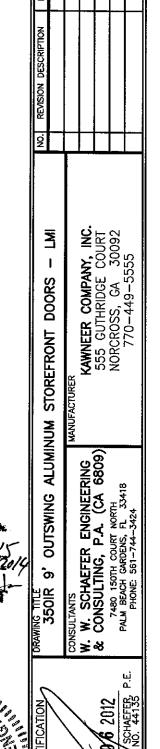




TEM ;	# PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES	
PARTS				
1		HEAD FRAME (IR-500)	6063-T6 ALUMINUM	
2	575-122	HEAD FRAME (IR-501)	6063-T6 ALUMINUM	
3		HEAD JAMB	6063-T6 ALUMINUM	
4		SIDE FRAME (IR 500-OR IR-501)	6063-T6 ALUMINUM	
5	163-036	SIDE FRAME (1600 DR JB ADAPTOR)	6063T6 ALUMINUM	
6		DOOR; TOP RAIL	6063-T6 ALUMINUM	
7		DOOR; BOTTOM RAIL	6063-T6 ALUMINUM	
8	200-005	DOOR STILE (APPLICABLE WITH BUTT & PIVOT HINGES)	6063-T6 ALUMINUM	
9	200-012	DOOR STILE (APPLICABLE WITH CONTINUOUS HINGES)	6063-T6 ALUMINUM	
10	200-007	INACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM	
11		ACTIVE DOOR MEETING STILE	6063-T6 ALUMINUM	
14		HEAD FRAME FILLER (IR-500)	6063-T6 ALUMINUM	
15		HEAD FRAME FILLER (IR-501)	6063-T6 ALUMINUM	
16		SHEAR BLOCK	6063-T6 ALUMINUM	
17		DEEP POCKET FILLER (IR-500)	6063-T6 ALUMINUM	
18		DEEP POCKET FILLER (IR-501)	6063-T6 ALUMINUM	
19		SIDE JAMB DOOR STOP	6063-T6 ALUMINUM	
20		EXTERIOR GLASS STOP	6063-T6 ALUMINUM	
21		INTERIOR GLASS STOP	6063-T6 ALUMINUM	
22	069-139	DOOR THRESHOLD	6063-T6 ALUMINUM	
		SEALS AND SEALANTS		
27		DOOR BULB WEATHERING	ALCRYN	
28		DOOR GASKET	EPDM	
29		GLAZING TAPE / SILICONE SPACER	SEMI-RIGID POLYURETHANE FOAM	
30		DOOR SETTING BLOCK	NEOPRENE	
31		DOOR BOTTOM RAIL WEATHER SWEEP	VARIED	
32	200-497	ADJUSTABLE ASTRAGAL WEATHERING	VARIED	
		HARDWARE		
36		CONTINUOUS GEAR HINGE		
37		· · · · · · · · · · · · · · · · · · ·	BY HAGER/ROTON	
J/	037-232	BUTT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF	
		BUTT HINGE  TOP OFFSET PIVOT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)	
	050-322		BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN) BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF	
	050-322 050-331	TOP OFFSET PIVOT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED	
	050-322 050-331 050-326	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN) BY KAWNEER (4 PER PANEL	
38	050-322 050-331 050-326 050-327	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED	
38	050-322 050-331 050-326 050-327 3-POINT	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN)	
38	050-322 050-331 050-326 050-327 3-POINT 50-075	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN)	
38	050-322 050-331 050-326 050-327 3-POINT 50-075 50-078	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN)	
38	050-322 050-331 050-326 050-327 3-POINT 50-075 50-078 50-100	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE TOP BOLT	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN)	
38	050-322 050-331 050-326 050-327 3-POINT 50-075 50-078 50-100 37-368	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE TOP BOLT DEADLOCK	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN)  BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN)	
38	050-322 050-331 050-326 050-327 3-POINT 50-075 50-078 50-100 37-368 35-001	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE TOP BOLT DEADLOCK BOTTOM BOLT	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN) BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN) BY ADAMS—RITE	
38	050-322 050-331 050-326 050-327 3-POINT 50-075 50-100 37-368 35-001 37-176 137-700	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE TOP BOLT DEADLOCK BOTTOM BOLT CYLINDER THUMBTURN CO-9 PUSH / CP-II PUSH	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN) BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN) BY ADAMS—RITE	
38 39	050-322 050-331 050-326 050-327 3-POINT 50-075 50-100 37-368 35-001 37-176 137-700	TOP OFFSET PIVOT HINGE INTERMEDIATE OFFSET PIVOT HINGE RH BOTTOM OFFSET PIVOT HINGE LH BOTTOM OFFSET PIVOT HINGE LOCK ASSEMBLY FOR ACTIVE DOOR BOLT GUIDE TOP BOLT DEADLOCK BOTTOM BOLT CYLINDER THUMBTURN	BY HAGER (4 PER PANEL 4" FROM TOP & 12" FROM BOTTOM OF DOOR PANEL AND EQUALLY SPACED BETWEEN) BY KAWNEER (4 PER PANEL LOCATED AT TOP & BOTTOM OF DOOR/FRAME AND EQUALLY SPACED BETWEEN) BY ADAMS—RITE	

	===				
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES		
	MISCELLANEOUS FASTENERS				
51	_	NO. 12 X 2" SCREW	3" FROM ENDS & MAX. 11" O.C.		
52	-	NO. 12-24 X 9/16" S.S SCREW	8 PER HINGE		
53	_	NO. 12-24 X 13/32" SCREW	2 9/16" FROM ENDS & MAX. 5 1/8" O.C. (52 MAX. PER HINGE)		
54		5/16"-18 X 5/8" SCREW	2 PER TOP PIVOT HINGE		
55	_	NO. 12-24 X 9/16" S.S SCREW	2 PER INTERMEDIATE PIVOT HINGE		
56	_	1/4-20 X 3/8" SCREW	3 PER BOTTOM PIVOT HINGE		
57		NO. 6 X 11/16" SCREW	10 PER LEAF		
58	-	NO. 10 X 9/16" S.S SCREW	2 PER CLIP		
59		NO. 10 X 1 19/32" S.S. SCREW	4 PER CLIP		
60	_	NO. 10 X 1/2" S.S. SCREW	3" FROM ENDS & MAX. 7 1/2"		
			O.C. AT TOP & BOTTOM RAILS -		
			3" FROM ENDS & MAX. 11 1/8"		
	~~~		O.C. AT STILES		
61	_	NO. 6 X 3/8" S.S. SCREW	1/4" FROM ENDS & MAX. 9 17/32" O.C.		





DRAWING NO. 1569 SHEET NO. 7 OF

CHECKED BY: W.W.S.

DATE: 04/02/08

PLOT: